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XL.

*Mr. Henry Baker F. R. S. to the President,
concerning an Earthquake felt at Win-
bourn in Dorsetshire, May 4. 1749. and
of another at Taunton in Somersetsshire,
July 1. 1747.*

S I R,

*Read May 17.
1750.*

AS the two remarkable Shocks of an Earthquake, lately felt at *London*, may probably excite a Curiosity of knowing what of the same kind has happen'd in other Parts of the Kingdom within these few Years, I wrote, about a Week ago, to a Sister of my Wife, who lives at *Winbourne* in *Dorsetshire*, desiring her to send me the best Account she could collect, of an Earthquake, which, in one of her Letters some Months ago, she had mention'd to have felt herself at that Place, in the Month of *May* last Year; and the Substance of her Answer is as follows:

She says, that, on the 4th Day of *May* 1749. about 10 o' Clock in the Morning, she was standing at one of the Windows in her Chamber, her Son (a Boy about 9 Years old) was sitting on a Bed in the Middle of the Room, and her Sister was in another Chamber two Rooms from her, all on the same Floor; when they heard a sudden Blow (so she expresses it) that seem'd to be very near, which shook the House so much, that the Windows rattled, and the Floor shook very much.

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and

and frightened her to such a Degree, that she cried out, Lord have Mercy upon me, what is that? Supposing it had been a Burst of Thunder. Then looking out, the Sky was very clear, without any Cloud near at hand; but there seemed to be a heavy Cloud hovering at a Distance, whence she and her Sister imagined the Shock came; for they had then no Thought of an Earthquake.

There was, she says, but one Blow, with a Noise very loud, like the Discharge of a Cannon; which made her send to inquire if there were any Powder-Mills in that Part of the Country, but was assured there were none. Her Husband (Mr. *Boston*) was then at a Place called *Cashmoor*, on the *London* Road, 6 Miles from *Blandford*, and about 8 from *Winbourne*, where he heard it in much the same manner. Their next Neighbour was at the same time 12 Miles distant, and heard it there; and every body said it was an Earthquake.

It was heard at *Shapeck*, about 4 Miles from *Winbourne*; and at a Place called *Eastbrook*, about half a Mile from *Winbourne*, the People say it threw the Pewter off the Shelves. She says, I may depend upon it as a Truth, that it was heard 20 Miles round *Winbourne*; and adds, that People were very much frightened, but no Harm was done.

I had, Sir, the Honour, two Years ago, to lay before you an Account of an Earthquake felt at *Townton* in *Somersetshire*, and for 40 Miles in Length as well as Breadth, on the 1st Day of *July*, in the Year 1747. which was communicated to me by the Rev. Mr. *John Forster*, who happen'd at that time

to be there by Accident. It was likewise by mere Accident I came to the Knowledge of what I have just now been describing: Which induces me to imagine, that Shocks of this kind may possibly happen more frequently than is commonly supposed, tho' we hear nothing of them: For, in Country Places, People are so little attentive to such Matters, that, unless some considerable Mischief be done, they mind them very little at the time, and, as soon as over, think no more about them.

I have the Honour to be, with all possible Respect,

S I R,

Catherine-street, May 10.
1750.

Your most obedient Servant,

H. Baker.

XLI.

*Part of a Letter from M. de Reaumur
F. R. S. to the President, concerning an
Earthquake felt in France, October 11.
1749.*

Paris, April 23. 1750.

Read May 17.
1750.

ON Saturday, the 11th of October 1749. about 7 in the Evening, there was an Earthquake in France, which, according to my own Inquiries, reached one Way above 60 Leagues in Extent, from our Coast of Poictou beyond Luçon, as far as the Neighbourhood of Blois.

T t t t 2

I was